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HAND CARRIED
PATENT

GAUTVIK 3.0-001 FWC CIP CONT FWC DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of :
Gautvik et al. :
Serial No. 08/340,664 : Group Art Unit: 1812
Filed: November 16, 1994 : Examiner: L. Spector
For: PRODUCTION OF HUMAN :
PARATHYROID HORMONE FROM : Date: March 7, 1996
MICROORGANISMS :
X

Assistant Commissioner for Patents
Washington, D.C. 20231

REPLY AND AMENDMENT

In complete response to the Official Action mailed September 8, 1995, please amend the application identified in the caption as follows:

IN THE CLAIMS

Please amend the claims as follows:

1. (Amended) Essentially pure, ~~intact~~, recombinant hPTH.

Please cancel claims 2-5, 11, 13 and 15 without prejudice or disclaimer.

Please add the following claims:

21. The essentially pure, ~~intact~~, recombinant hPTH of claim 1 wherein said hPTH possesses biological activity substantially equivalent to naturally occurring hPTH.

22. The essentially pure, intact, recombinant hPTH of claim 1 wherein said hPTH exhibits a maximal response which is greater than that which can be achieved by synthetic hPTH.

23. An essentially pure, ~~intact~~ hPTH obtained by expressing hPTH in a genetically engineered microorganism and purifying said hPTH.

24. The essentially pure, ~~intact~~ hPTH of claim 23, wherein said hPTH possess biological activity essentially equivalent to naturally occurring hPTH.

25. An essentially pure, ~~intact~~ hPTH of claim 23, wherein said genetically engineered microorganism is *E. coli*.

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U.S. Serial No.: 08/340,664

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For: PRODCUTION OF HUMAN PARATHYROID
HORMONE FROM MICROORGANISMS

Group Art Unit: 1812

Examiner: L. Spector

Dated: March 7, 1996

Assistant Commissioner For Patents
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Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.

CLAIMS AS AMENDED										
	(1)			(2)			(3)			
	CLAIMS REMAINING AFTER AMNDT.			HIGHEST NO. PREVIOUSLY PAID FOR			PRESENT EXTRA		RATE	ADD'L FEE
TOTAL CLAIMS	*	21	MINUS **	20	=	1	x	\$ 22	=	\$ 22.00
INDEP. CLAIMS	*	8	MINUS ***	9	=	0	x	\$ 78	=	\$ 0.00
FEE FOR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM(S)									\$250 = \$ <u>0.00</u>	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT.....									\$ <u>22.00</u>	
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*	If the entry in col. 1 is less than entry in col. 2, write "0" in col. 3.									
**	If the entry in col. 2 is less than 20, write "20" in col. 2.									
***	If the entry in col. 2 is less than 3, write "3" in col. 2.									

- () No additional fee is required.
- (X) A check in the amount of \$22.00 is attached.
- () Charge \$_____ to Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.
- (X) Please charge any additional fees or credit overpayment to Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.

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